AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) ~~Information~~ An audio information distribution system comprising:

at least one loudspeaker (13) by which audio information is made audible to a user,

monitoring means (11) for obtaining measurements in the system,

said monitoring means comprising at least one sensor which is connected to the monitoring means and is non-invasively connectable to the user, and produces signals describing a somatic phenomenon directly associated with the user, wherein the monitoring means are adapted to receive said signals and measure a change of the somatic phenomenon,

an information database (30) storing audio files, ~~and~~

local control means ~~(10, 100, 52)~~ (10, 100) responsive to the monitoring means, adapted to determine on the basis of the measured change of the somatic phenomenon the current state of the user, and in accordance with the current state of the user i) select a certain audio file containing speech and/or music from among the audio files stored in the information database and ii) control a manner of presentation of the selected audio file through the loudspeaker (13),

global control means (52), operatively connected to control the local control means (10, 100) via a communication network (40) and adapted to

- receive said change of the somatic phenomenon which is sent from the local control means (10, 100),

- analyze said change by using a meter suitable to meter activity and ability of the user,

- select on the basis of the analysis at least one new audio file, and

- send the new audio file(s) to the local control means (10, 100) to be stored in the information database (30).

2. (previously presented) A system according to claim 1, characterized in that the sensor is adapted to measure at least one biophysiological phenomenon directly from the user.

3. (previously presented) A system according to claim 2, characterized in that the sensor is adapted to make at least one type of measurement from a group including measurements of the EMG, EEG, and EKG type, and measurements indicating skin conductivity, temperature, blood pressure and frequency of respiration.

4. (previously presented) A system according to claim 1, characterized in that the sensor further includes observation means (15) for measuring the state of the environment of the user,

whereby the control means are also responsive to the observation means.

5. (previously presented) A system according to claim 1, characterized in that it further includes regulation means (16) for regulating the state of the environment of the user, whereby the control means are adapted to control the regulation means.

6. (original) A system according to claim 1, characterized in that it further includes adjusting means for adjusting the somatic operation of the user.

7. (currently amended) A system according to claim 1, characterized in that the sensor comprises plural sensors located on the user, the sensors being adapted to measure the nature of movements of the user, including movements of the user's eyes.

8. (currently amended) A system according to claim 1, characterized in that ~~it is~~ the local control means are incorporated into a portable player.

9. (cancelled)

10. (currently amended) A system according to claim [[9]] 1, characterized in that the global control means are adapted to control several different local control means which are separate from each other.

11. (currently amended) A method for implementing ~~a personal~~ an audio information distribution system, the method comprising the steps of:

presenting audio information to the user via a presentation device which includes at least one loadspeaker (13),

performing measurements by monitoring means (11) which receive signals describing a somatic phenomenon directly associated with the user, said signals being originated from at least one sensor non-invasively connected to the user and said measurements indicating a change of the somatic phenomenon,

controlling the operation of said presentation device by control means (10, 100),

wherein said controlling step comprises the sub-steps of

determining, on the basis of the measured change of the somatic phenomenon, the current state of the user, and

in accordance with the measured current state of the user i) selecting a certain audio file containing speech and/or music from among the audio files stored in an information database (30) ~~and~~, ii) controlling a manner of presentation of the selected audio file through the loadspeaker (13), and iii) performing environmental measurements on the state of the environment of the user in the system, whereby the control of the operation of the presentation device occurs based on both said at least one somatic phenomenon and the environmental measurements.

12. (original) A method according to claim 11, characterized by measuring at least one biophysiological phenomenon from the user by the monitoring means.

13. (cancelled)

14. (currently amended) A method according to claim [[13]] 11, characterized by further regulating the state of the environment of the user.

15. (original) A method according to claim 11, characterized by further including the step of adjusting the somatic operation of the user.

16. (currently amended) A method according to claim 11, characterized by fitting the monitoring means on the user and measuring by said means the nature of the movements of the user, including movements of the user's eyes ~~by said means~~.

17. (original) A method according to claim 11, characterized by

- implementing the control means as several local control means (10, 100) and as global control means (52), whereby each local control means (100) is adapted to control the presentation device corresponding to said means, and the global control means (52) are adapted to communicate with the local control means through a communication network (40),
- transferring measurement data from the local control means to the global control means, the measurement data being obtained from the monitoring means, and
- defining control information for the local control means in the global control means, whereby the control of the

local control means occurs on the basis of the control information defined.

18. (previously presented) A system according to claim 4, characterized in that it further includes regulation means (16) for regulating the state of the environment of the user, whereby the control means are adapted to control the regulation means.

19-20. (cancelled)

21. (new) A system according to claim 1, characterized in that the audio information to be made audible to the user is selected on the basis of the current location of the user.

22. (new) A system according to claim 1, characterized in that said meter is an RAI index.

23. (new) A system according to claim 1, characterized in that the system is used for rehabilitation of said user.